

Assembly Instructions For The Cedar Pergola

Tools Needed:

Screwgun
7/16" Wrench or Socket
#2 Square Drive Bit
Hex Drive Bit

Parts List:

Beam Assemblies (2)
1x6 Cross Beams (4)
1x6 Rafters (5,7, or 8)
1x2 Top Slats (7)
4x4x8' Posts (4)
Braces (8)
Hurricane Stakes (4)

Hardware:

1/4" x 2-3/4" Carriage Bolts (16)
1/4" x 2-1/2" Lags (16)
1/4" Washers (16)
1/4" Hex Nuts (16)
2-1/2" Screws (160)
Swing Hangers (4)

Step 1 Lay out all parts and pieces. Please note if you ordered a 6x8 pergola you will have 5 rafters, 8x8 has 7 rafters, and 8x10 has 8 rafters.

Step 2 Lay the two beam assemblies on a flat surface. Now take the four cross beams & lay them between the beam assemblies to construct the main frame. Put 2 on each end, one on either side of the 2x2 block on the beam assemblies. Fasten with 2-1/2" screws in the predrilled holes. (If you ordered a pergola with curtains make sure you have the cross beams with curtain rods on the inside).

Step 3 Now take the rafters and put them on top of the frame. Align the predrilled holes in the rafters with the holes in the 1x2 blocks in the beam assemblies. Make sure you put the rafters on the side of the block that has the X on the beam. Put the 2-3/4" bolts through the holes, put washers & nuts on and tighten.

Step 4 Lay out the 1x2 top slats on top of the rafters. Place on top of the X on the rafters. Align the predrilled holes on each end of the slats with the center of the rafter and fasten with the 2-1/2" screws. Fasten each slat to every rafter spacing them evenly. (Screws are self drilling and predrilled holes are only needed in ends of slats).

Step 5 (Find 3 friends to help you or use a forklift for this step). Lift up the pergola top and put the posts under each corner. The posts go between the main beam assembly and on the outside of the 1x2 spacer blocks that extend to the bottom of the beam assembly. Put two 2-1/2" screws in from the outside of the beam assembly into each post. (Make sure you have several people to steady the pergola until the braces are attached).

Step 6 Now attach the eight braces. (Make sure the posts are square with the top of the pergola). Push them up against the beams and center with the beams and posts. Put eight 2-1/2" screws in each brace in the predrilled holes. The pergola should now be sturdy enough to stand on its own.

Step 7 Take the hurricane stakes and pound one in beside each post at least 6" into the ground. Attach the stakes to the posts with two 2-1/2" lags in each post. Lags are self drilling. If your pergola has a deck place pergola in deck before attaching stakes.

Step 8 Now fasten the swing hangers to the bottom edge of the rafters with the 2-1/2" lags. They should be fastened so the lags drill straight up through the rafter. Measure 6" in from either side of the beam assembly.

If you bought curtains:

Push curtain hangers down over the wooden rods inside the beams to latch them on.

